

January 6, 2004

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Commissioner for Patents  
P.O. Box 1450  
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CERTIFICATE OF MAILING

I, certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

January 6, 2004  
Date

Timothy S. Corder

Re: U.S. Patent Application Serial No. 09/899,372 entitled "SOLUBLE KERATIN PEPTIDE" by Van Dyke, et al.; Confirmation No. 3035  
Atty. Docket No. KER020/4-005CON

Sir:

Enclosed for filing in the above-referenced patent application are:

1. Second Supplemental Information Disclosure Statement;
2. Form PTO-1449 along with references A140-A155, B5-B38, and C121-C125;
3. Credit Card Payment Form for \$180.00; and
4. A return postcard to acknowledge receipt of these documents. Please date stamp and mail this postcard.

The Commissioner is hereby authorized to charge \$180.00 as indicated on the enclosed Credit Card Payment Form. If the referenced authorization is inadvertently omitted or deficient, or should an overpayment be included herein, the Commissioner is authorized to appropriately deduct or credit the requisite amount from VINSON & ELKINS L.L.P. Deposit Account No. 22-0365/KER020/4-005CON.

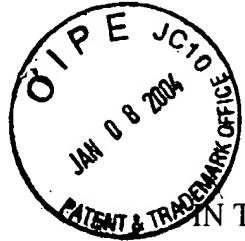
Respectfully submitted,

Timothy S. Corder  
Reg. No. 38,414

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Enclosures

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1615  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Van Dyke, et al.

Serial No.: 09/899,372

Filed: July 2, 2001

For: SOLUBLE KERATIN PEPTIDE

Group Art Unit: 1615

Examiner: Isis A D Ghali

Atty. Dkt. No.: KER020/4-005CON

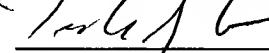
Confirmation No. 3035

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January 6, 2004  
Date

  
Timothy S. Corder

**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Second Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner..

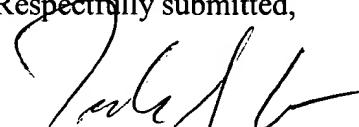
In accordance with 37 C.F.R. §§ 1.97(g), (h), this Second Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and

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is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed after three months of the filing of the present application and after the receipt of a first Official Action on the merits but before receipt of a Final Office Action UNDER 37 C.F.R. §1.113, or a Notice of Allowance under 37 C.F.R. §1.311. The Commissioner is hereby authorized to charge the fee as set forth in 37 C.F.R. § 1.17(p) (\$180.00) for submission of an Information Disclosure Statement, as indicated on the enclosed Credit Card Payment Form. If the referenced authorization is inadvertently omitted or deficient, or should an overpayment be included herein, the Commissioner is authorized to appropriately deduct or credit the requisite amount from m Vinson & Elkins L.L.P. Deposit Account No. 22-0365/KER020/4-005CON.

Respectfully submitted,



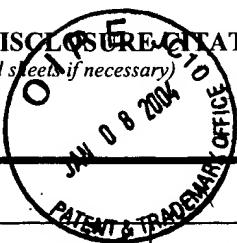
Timothy S. Corder  
Reg. No. 38,414  
Agent for Applicant

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Houston, Texas 77002-6760  
512-542-8446

Date: January 6, 2004

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional) <b>KER020/4-005CON</b>	Application Number <b>09/899,372</b>
Applicant(s) <b>Mark E. Van Dyke, et al.</b>	
Filing Date <b>July 2, 2001</b>	Group Art Unit <b>1615</b>



**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A140	1,214,299	01/30/17	Grosvenor et al.			
	A141	2,434,688	11/03/42	Evans	18	47.5	
	A142	2,445,028	07/13/48	Jones et al.	106	155	
	A143	2,517,572	08/08/50	Jones et al.	106	155	
	A144	2,814,851	12/03/57	Hervey	28	82	
	A145	3,033,755	05/08/62	Jacobi et al.	167	90	
	A146	3,655,416	04/11/72	Vinson et al.	106	155	
	A147	4,178,361	12/11/79	Cohen et al.	424	22	
	A148	4,357,274	11/02/82	Werner	260	123.7	
	A149	4,959,213	09/25/90	Brod et al.	514	21	

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
B5	SHO 54-124043	02/06/82	Japan			X	
B6	S55-187190	12/26/80	Japan			X	
B7	1988-202582	08/13/88	Japan			X	
B8	HEI 4-189833	07/08/92	Japan			X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

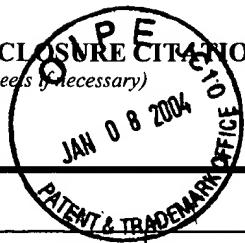
C121	Inagaki, et al., "Functionality of lamb wool keratin derivatives and a few characteristics of polymer materials for medical applications," <i>Chemical Research Institute, Kyoto University</i>
C122	Sakabe, et al., "Differential thermal analysis of component proteins from wool," <i>Sen-I Gakkaishi</i> 39(12): T-517-T-522 (1982)

EXAMINER	DATE CONSIDERED
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**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

KER020/4-005CON

Application Number

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Applicant(s)

Mark E. Van Dyke, et al.

Filing Date

July 2, 2001

Group Art Unit

1615

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A150	5,320,796	06/14/94	Harashima et al.	264	349	
	A151	5,634,945	06/03/97	Pernia et al.	623	11	
	A152	5,679,819	10/21/97	Jones et al.	556	418	
	A153	5,712,252	01/27/98	Smith	514	21	
	A154	5,763,583	06/09/98	Arai et al.	530	353	
	A155	5,300,285	04/05/94	Halloran et al.	424	71	

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## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	B9	1992-174659	05/22/92	Japan			X	
	B10	JP1998337466A	12/22/98	Japan			X	
	B11	JP1994100600A	04/12/94	Japan			X	
	B12	JP1994116300A	04/26/1994	Japan			X	
	B13	JP1998291999A	11/04/98	Japan			X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C123	"Biomaterial forefront. Keratin which can be extracted by a simple chemical technique," Kogyo Zairyo (Engineering Materials), 41:15, 106-109, 1993
C124	Kulkarni, "Further studies on the microfibrils from wool keratin. Part I: the isolation of microfibrils," Text. Res. J., 46:11, 833-5, 1976, Abstract
C125	Edwards, "Chemical studies on powdered keratins," The Journal of Biological Chemistry," 154, 593-596, 1944

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p style="text-align: center;"><b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)</p> <p style="text-align: center;">JAN 08 2004 JC10</p>				Docket Number (Optional) <b>KER020/4-005CON</b>	Application Number <b>09/899,372</b>		
				Applicant(s) <b>Mark E. Van Dyke, et al.</b>			
				Filing Date <b>July 2, 2001</b>	Group Art Unit <b>1615</b>		
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
B14	JP1993285374A	11/02/93	Japan			X	
B15	JP1993285375A	11/02/93	Japan			X	
B16	63-47470	09/22/88	Japan			X	
B17	62-1731	01/14/87	Japan			X	
B18	2001-114647	04/24/01	Japan			X	
B19	8-157342	06/18/96	Japan			X	
B20	60-220068	11/02/85	Japan			X	
B21	3-223207	10/02/91	Japan			X	
B22	6-240579	08/30/94	Japan			X	
B23	2-212410	08/23/90	Japan			X	
B24	2002-138022	05/14/02	Japan			X	
B25	11-240822	09/07/99	Japan			X	
B26	SHO 60-220068	11/02/85	Japan			X	
B27	WO 03/011894 A1	02/13/03	PCT				
B28	WO 03/018673 A1	03/06/03	PCT				
B29	531,446	01/03/41	UK			X	
B30	03011099 A	01/18/91	Japan			Abstract	
B31	04091138 A	03/24/92	Japan			Abstract	
B32	06336499 A	12/06/94	Japan			Abstract	
B33	JP 2001087754	04/03/01	Japan			Abstract	
B34	0 454 600 A1	10/30/91	Europe			Abstract	
B35	RU 2106154	03/10/98	Russia			Abstract	
B36	RU 2108079	04/10/98	Russia			Abstract	
B37	EP 0540357	07/24/96	Europe				
B38	EP 0628573	12/14/94	Europe				
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			
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